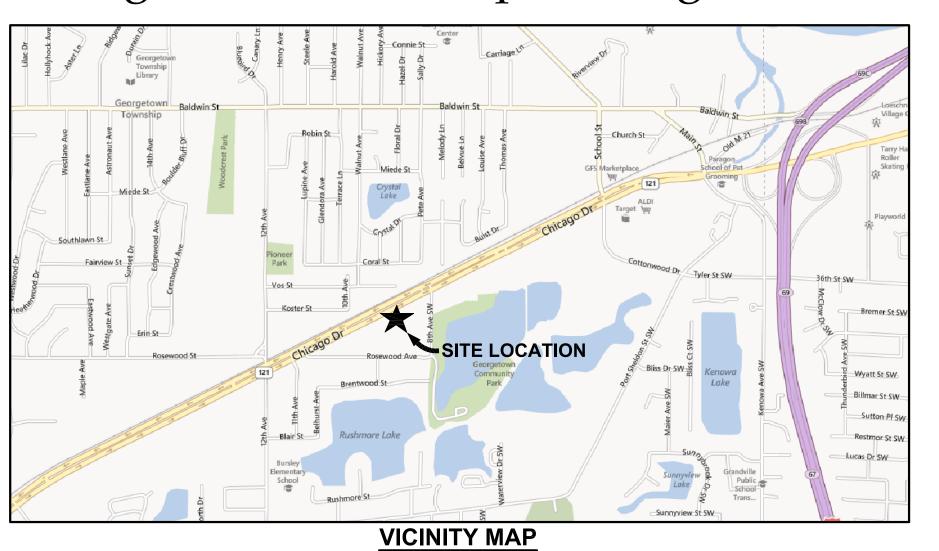
SAN MH RIM=±600.85 (COVERED W/ BIT) (FILLED W/ DIRT) REMOVE 3,219 SF BIT. FULL DEPTH REMOVE TREES TYP LSAN MH RIM=600.15 6"SW=597.35 TO BE REMOVED REMOVE 67 SF / CONC. FULL DEPTH $^{\prime}$ REMOVE TREES TYP. 617.00 → HISTORICAL CENTER NORTHEAST 1/4, SECTION 23 T6N, R13W EX. BLD

916 Chicago Drive

Georgetown Township, Michigan 49428



LEGEND

O - FOUND IRON STAKE	FIRE HYDRANT
 SET IRON STAKE 	E - ELECTRIC METER
- SIGN	- CATCH BASIN
→ GUY ANCHOR	— ROUND CATCH BASII
- UTILITY POLE	— STORM MANHOLE
☆ - LIGHT POLE	S - SANITARY MANHOLE
• - POST	E - ELECTRIC MANHOLE
- DECIDUOUS TREE	

	_	CON	IIFER	005	IKEE	•			
	-					_		_	WA
· —	. –				· · — ·	_	· —	_	TEL
								_	ELE

	WATER UTILITY LINE
	TELEPHONE UTILITY LINE
· · · E	ELECTRIC UTILITY LINE
	GAS UTILITY LINE
· · · · · · · §	STEAM UTILITY LINE
	STORM UTILITY LINE
	SANITARY UTILITY LINE
	FIBER OPTIC UTILITY LINE
	OVERHEAD UTILITY LINE

REMOVALS LEGEND



- BITUMINOUS REMOVAL

CONCRETE REMOVAL



TREE REMOVAL

LEGAL DESCRIPTION

PART OF THE NORTHEAST 1/4 OF SECTION 23, TOWN 6 NORTH, RANGE 13 WEST, GEORGETOWN TOWNSHIP, OTTAWA COUNTY, MICHIGAN, DESCRIBED AS: COMMENCING AT A POINT 617 FEET EAST AND 400 FEET NORTH OF THE CENTER OF THE NORTHEAST 1/4 OF SECTION 23; THENCE NORTH 250 FEET TO THE SOUTH LINE OF HIGHWAY M-21; THENCE NORTHEASTERLY ALONG SAID SOUTH LINE 129 FEET; THENCE SOUTH 304 FEET; THENCE WEST 115 FEET MORE OR LESS TO THE PLACE OF BEGINNING.

APPLICANT

JKB CONSTRUCTION CONTACT: JACK BROWN ADDRESS: 4055 VAN BUREN ST., HUDSONVILLE, MI PHONE: (616) 531-9022

NOTES

CONTRACTOR TO FIELD VERIFY HORIZONTAL & VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND MUST NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

INDEX OF SHEETS

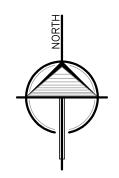
C1 - TOPOGRAPHIC, BOUNDARY SURVEY & REMOVALS

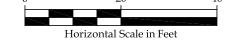
C2 - SITE PLAN

C3 - GRADING/UTILITY PLAN

PROPERTY INFORMATION

ZONED: HS — HIGHWAY SERVICE COMMERCIAL PARCEL NUMBER: 70-14-23-250-013 PROPERTY ADDRESS: 916 CHICAGO DRIVE TOWNSHIP: GEORGETOWN TOTAL ACREAGE: 0.72 (31,503 SF)







ALL UTILITIES AS SHOWN ARE APPROXIMATE LOCATIONS DERIVED FROM ACTUAL MEASUREMENTS AND AVAILABLE RECORDS. THEY SHOULD NOT BE INTERPRETED TO BE EXACT LOCATION NOR SHOULD IT BE ASSUMED THAT THEY ARE THE ONLY UTILITIES IN THE AREA.

Land & Resource ENGINEERING INC. Common Sense • Lasting Solutions 3800 West River Drive, Ste. A, Comstock Park, MI, 49321 Ph:616.301.7888

JKB Construction

4055 Van Buren St., Hudsonville, MI 49426

916 Chicago Drive Site Improvements 916 Chicago Drive, Georgetown Twp, Michigan

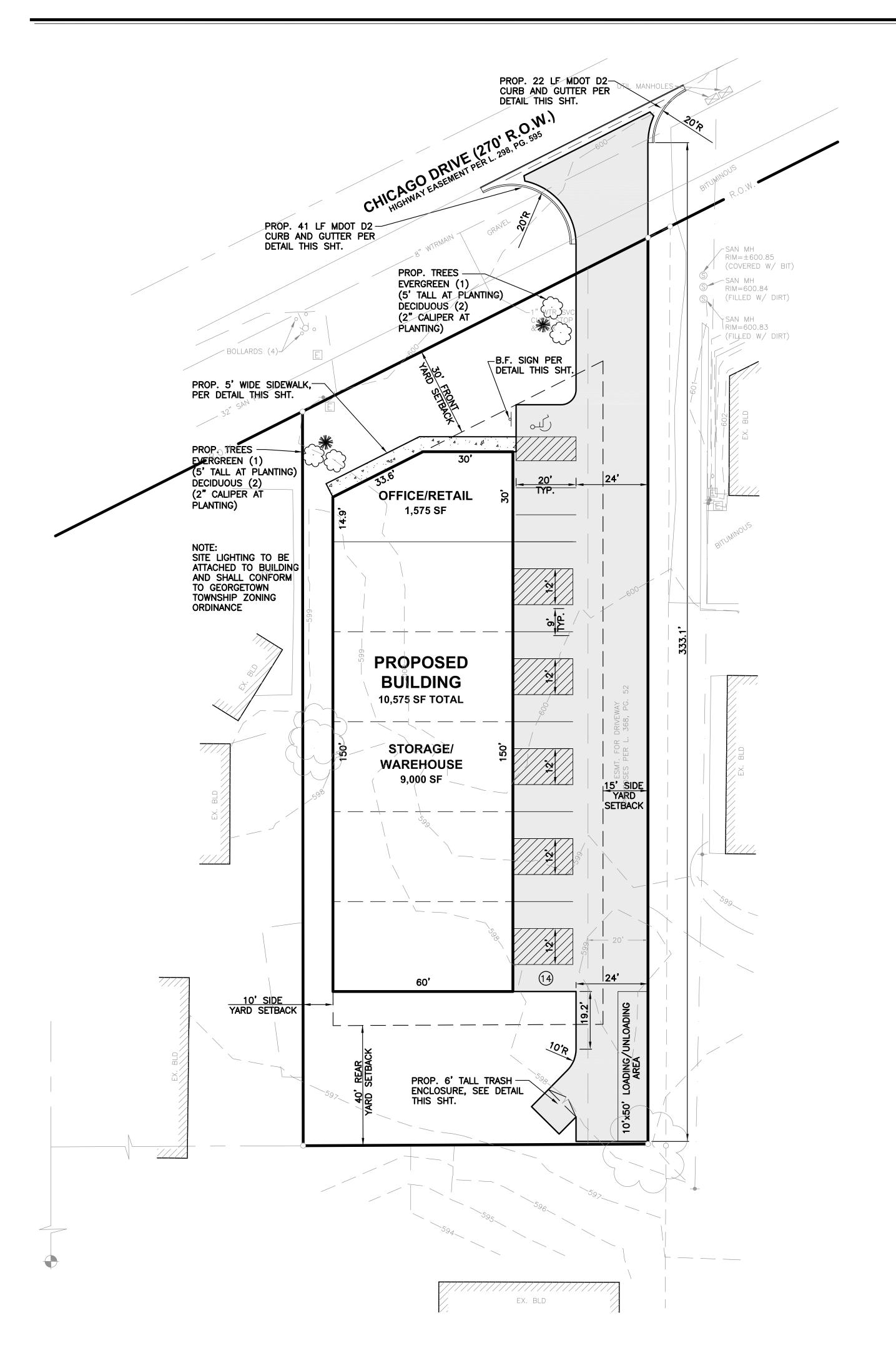
PROJECT NUMBER: 13-048	
DESIGNED BY: KV	DATE: MAY, 2013
CHECKED BY: TJO	DATE: MAY, 2013
DRAFTED BY: NDJ	DATE: MAY, 2013
,	,

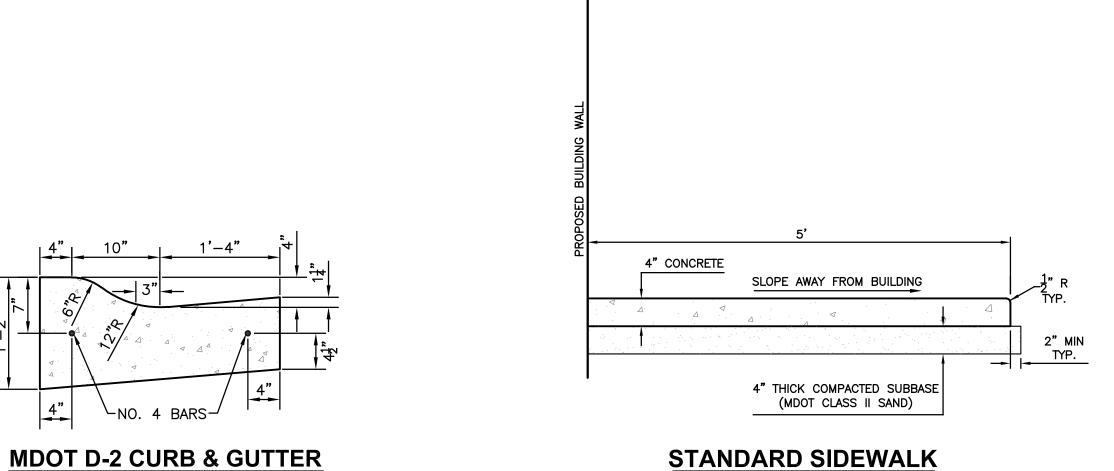
REVISIO	DNS:	
NO.	ISSUED FOR	DATE
1	SITE PLAN REVIEW	5/7/2013
2	SITE PLAN APPROVAL	5/15/2013

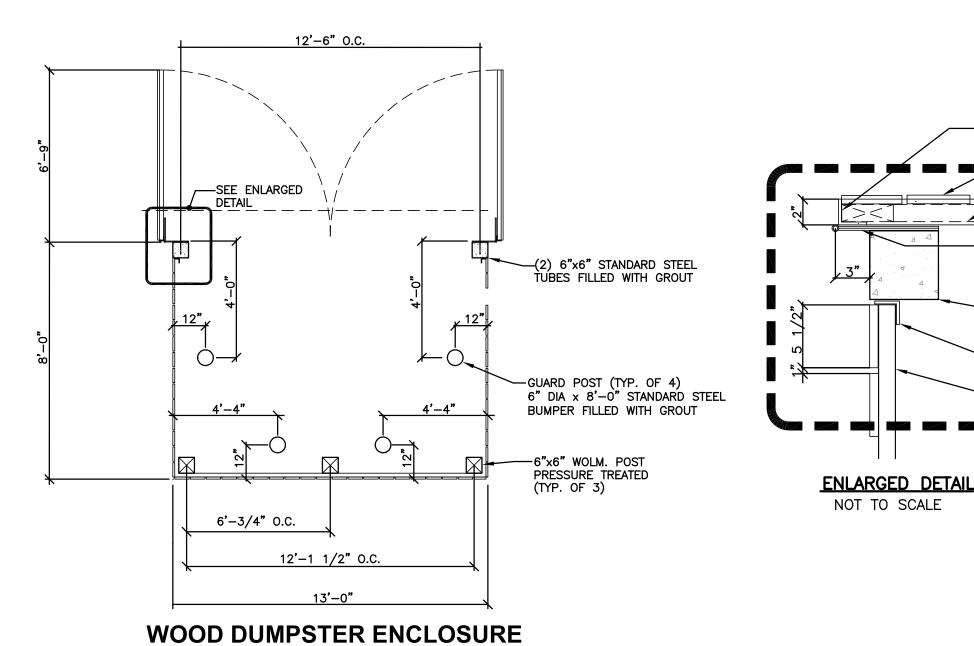
TOPOGRAPHIC, **BOUNDARY SURVEY** & REMOVALS

SHEET NUMBER

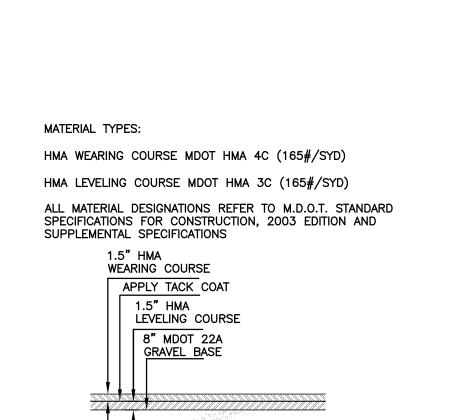




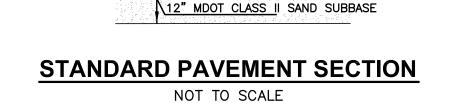


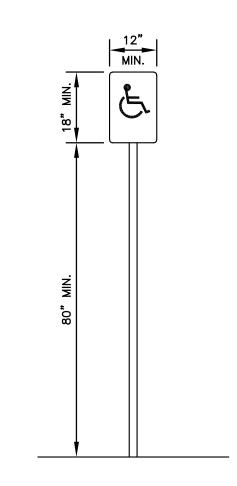


NOT TO SCALE



NOT TO SCALE





-2x2 STANDARD STEEL

FACE OUT

—1x6 CEDAR, SMOOTH

TYPICAL GATE HINGE

► 6X6 STANDARD STEEL

POST FILLED WITH GROUT

2×2 STANDARD STEEL

(STANLEY #952-2C-12)

2X6 NAILER REINFORCED WITH 2x2
ANGLE IRON

ANGLE IRON, WELD TO POST

OF FENCE, PRESSURE TREATED

2X6 FENCE RAILS AT TOP, CENTER, & BOTTOM

WELD TO POST AND ANGLE IRON

ANGLE IRON

BARRIER FREE PARKING SIGN

NOT TO SCALE
PER MICHIGAN BARRIER FREE
DESIGN GRAPHICS MANUAL 1993

LEGEND

PROPOSED CONCRETE WALKS & SURFACES

PROPOSED STANDARD PAVEMENT SECTION

X PARKING COUNT

NOTES

- 1. DIMENSIONS ARE TO FACE OF CURB UNLESS INDICATED OTHERWISE ON PLANS.
- 2. RADII ARE 5 FEET UNLESS INDICATED OTHERWISE ON PLANS.
- 3. CONTRACTOR TO FIELD VERIFY HORIZONTAL & VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND MUST NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- 4. ALL SITE AND SIGN LIGHTING WILL BE DOWNWARD DIRECTING TO PREVENT THE SHEDDING OF LIGHT ON ADJACENT PROPERTIES AND THE ROADWAY. ALL SIGNAGE AND LIGHTING WILL CONFORM TO GEORGETOWN TOWNSHIP ZONING ORDINANCE.

PARKING INFORMATION

PARKING REQUIRED:

RETAIL=1 SPACE/200 SF

= 8 SPACES WAREHOUSE

= 1 SPACE/2,000 SF

TOTAL REQUIRED = 5 SPACES = 13 SPACES

PARKING PROVIDED

= 14 SPACES

BUILDING SETBACKS:

FRONT YARD: 30 FT.
SIDE YARD: 10 FT. MIN (25 FT. TOTAL)
REAR YARD: 40 FT.

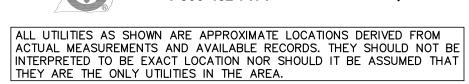
MAX. BUILDING HEIGHT = 35 FT.

BUILDING ADDRESS:

916 CHICAGO DR. GEORGETOWN TWP. MICHIGAN



3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171



#LAND & RESOURCE ENGINEERING INC.

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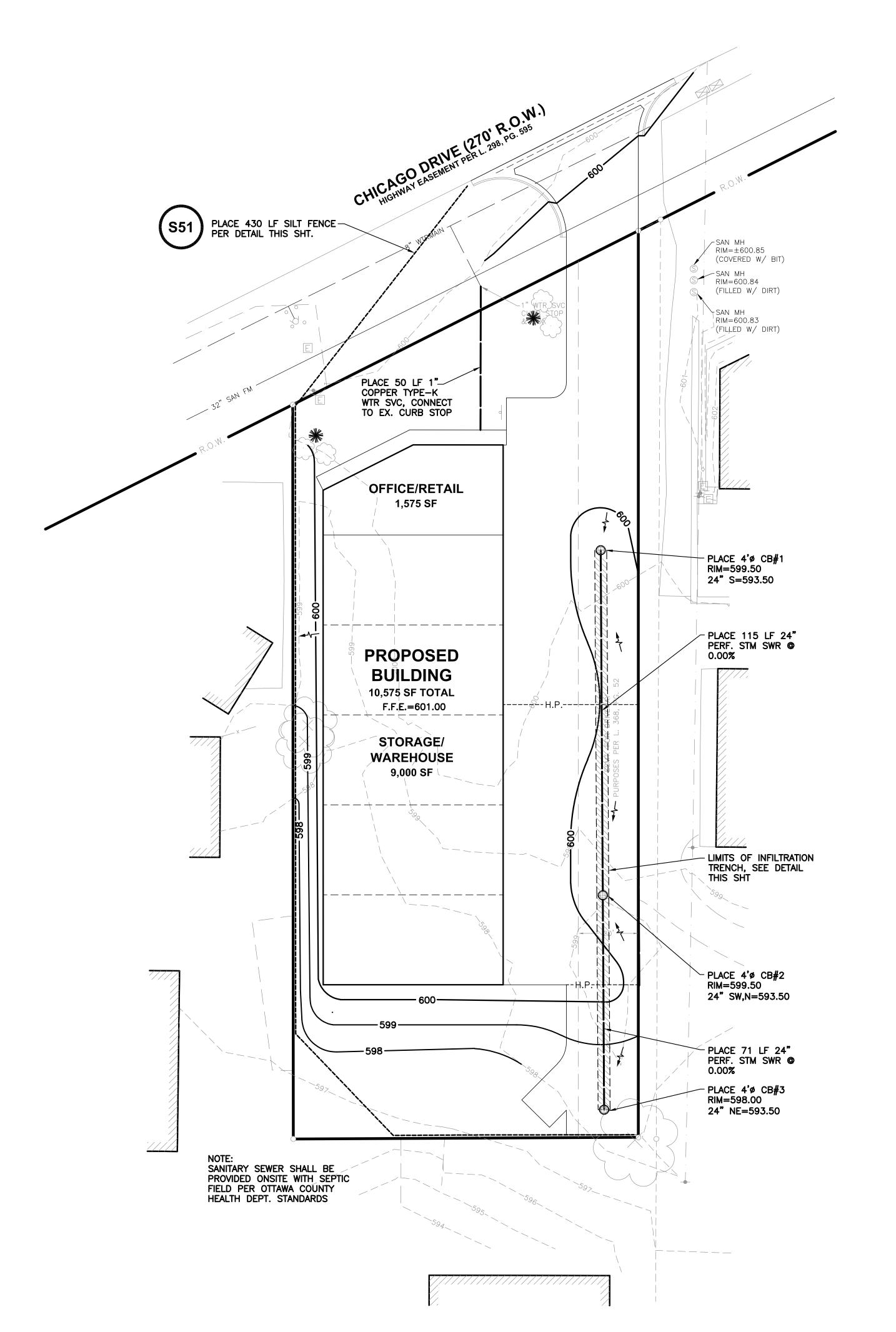
DESIGNED BY: K	V	DATE: MAY, 2013	
CHECKED BY: TJ	0	DATE: MAY, 2013	
DRAFTED BY: NI)J	DATE: MAY, 2013	
REVISIONS:			
NO ICCI II	ED EOD		DATE

NO.	ISSUED FOR	DATE
1	SITE PLAN REVIEW	5/7/2013
2	SITE PLAN APPROVAL	5/15/2013

SITE PLAN

PROJECT NUMBER: 13-048

C2.



PERMANENT SEEDING NOTE: ALL PROPOSED LAWN AREAS AND ALL AREAS DISTURBED BY CONSTRUCTION SHALL RECEIVE A MINIMUM OF 4" OF TOPSOIL AND LAWN SEED MIX AS INDICATED ON PLANS AND AS FOLLOWS: CLASS "A" SEED TYPE CANNON KENTUCKY BLUEGRASS PROPORTION 10% 10% 20% GOLDRUSH KENTUCKY BLUEGRASS RONDE KENTUCKY BLUEGRASS SR5100 CHEWINGS FESCUE SR5200 CREEPING RED FESCUE SR4400 PERENNIAL RYEGRASS SR4500 PERENNIAL RYEGRASS

SEEDING RATE SHALL BE 4 TO 6 lbs. PER 1000 SQ. FEET.

KEY	BEST MANAGEMENT PRACTICES	SYMBOL	WHERE USED
SE	EDIMENT CONTROLS	3	
S51	SILT FENCE		Use adjacent to critical areas, to prevent sediment laden sheet flow from entering these areas.
ER	OSION CONTROLS		
E8	PERMANENT SEEDING	xio Frier Wulderland Wursell	Stabilization method utilized on sites where earth change has been completed (final grading attained).

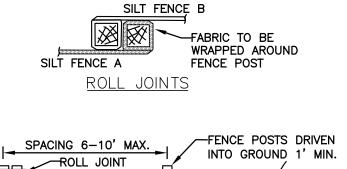
	_
ent sediment laden	

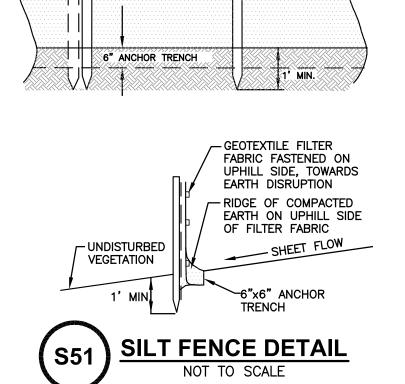
LEGEND PROPOSED CONTOURS **EXISTING CONTOURS** PROPOSED STORM CATCH BASIN DIRECTION OF DRAINAGE FLOW PROPOSED WATER SERVICE

———— PROPOSED STORM SEWER

NOTE:

- 1. A STORMWATER DRAIN PERMIT FROM THE OTTAWA COUNTY WATER RESOURCE COMMISSIONER WILL BE OBTAINED FOR BUILDING PERMIT APPLICATION.
- 2. THE SITE IS NOT IN A FLOODZONE OR AFFECTED BY A FLOODPLAIN.





FJIW 1020, TYPE M1
GRATE (EJIW 7505

BRICK OR GRADE
RING(S) WITH MIN.
1/2" MORTAR COATING
INSIDE AND OUTSIDE

-COMPACTED GRANULAR

-UNDISTURBED GROUND

IN AREAS OF IMPERVIOUS SOILS OR IN WET CONDITIONS SET ON

MATERIAL

MIN. 4" OF PEA GRAVEL

WHEN IN CURB)

4'-0" ASTM C-478

INTEGRAL BASE UNLESS APPROVED BY ENGINEER

STANDARD CATCH BASIN

SET FRAME IN MIN. 1" THICK MORTAR

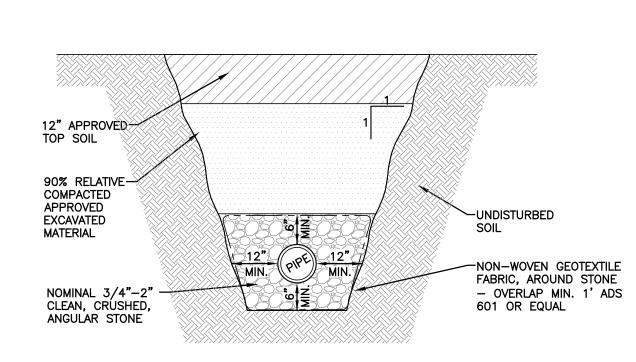
VARIABLE PRECAST ECCENTRIC CONE*

PRECAST-

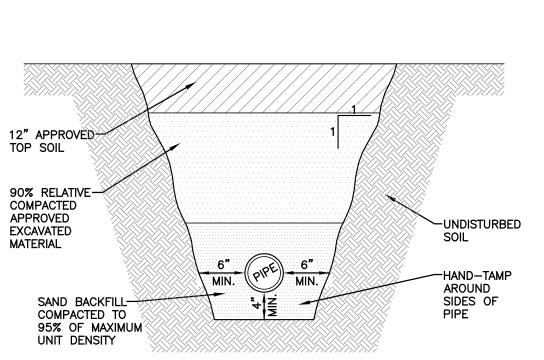
FINISHED GRADE—

*NOTE: USE FLAT TOP REDUCER IN MIN. COVER SITUATIONS

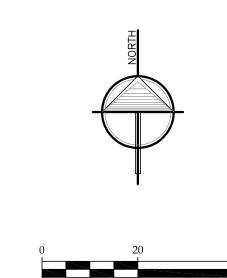
MIN.



TYPICAL INFILTRATION TRENCH DETAIL NOT TO SCALE



TYPICAL TRENCH DETAIL







JKB Construction

4055 Van Buren St., Hudsonville, MI 49426 916 Chicago Drive Site Improvements

DATE: MAY, 2013

916 Chicago Drive, Georgetown Twp, Michigan

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GRADING/UTILITY PLAN

PROJECT NUMBER: 13-048

DESIGNED BY: KV